EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	(overvoltage near2 protection and overcurrent near2 protection and circuit near2 board).clm.	US-PGPUB	OR	ON	2006/10/11 07:13

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	(overvoltage near2 protection and overcurrent near2 protection and circuit near2 board).clm.	US-PGPUB	OR	ON	2006/10/11 07:13
S239	1	("6628498").PN.	US-PGPUB; USPAT	OR	OFF	2006/10/11 07:12
S238	142	(337/31).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/10 13:21
S237	30	S231 and (zener thyristor voltage near2 variable MOV varistor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 13:08
S236	746	(361/104).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/10 13:05
S235	34	S234 and (PTC thermistor) and (MOV varistor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 13:05
S231	30	S230 and (PTC thermistor) and (MOV varistor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 13:05
S234	2807	(361/91.1,111,104).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/10 13:03
S233	8	S232 and (MOV varistor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 13:03
S232	350	(337/31,183,404).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/10 13:01
S224	12	S223 and (PTC thermistor) and (MOV varistor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 13:01
S230	903	(361/119).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/10 12:57
S229	5	("5404126" | "5708553" | "5781394" | "5901027" | "6252488").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 12:57
S212	216	S211 and (PTC thermistor) and (MOV varistor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 12:57

S22 8	4	("5621375" | "5664320" | "5726621" | "5774037").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 12:50
S22 7	172	S226 and (via hole heat near2 sink)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:37
S21 1	290693	(substrate layer ceramic) near3 (via hole heat near2 sink)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:37
S22 6	263	(substrate layer ceramic) and S223	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:36
S22 5	1	("4284970").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 11:34
S22 3	897	(361/103).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/10 11:31
S22 2	22	("3287684" | "3861029" | "4034207" | "4037082" | "4051550" | "4099216" | "4162395" | "4174511" | "4177446" | "4177785" | "4237411" | "4247441" | "4388607" | "4413174" | "4413301" | "4426339" | "4445026" | "4467310" | "4481498" | "4542365" | "4549161").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 11:31
S20 6	53	S205 and (PTC thermistor) and (MOV varistor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:31
S22 1	8	("5386335").URPN.	USPAT	OR	ON	2006/10/10 11:11
S22 0	5	("4198613" | "4695916" | "5034709" | "5146200" | "5155649").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 11:10
S21 9	56	("2386903" | "2947844" | "3369207" | "3444399" | "3503030" | "3505632" | "3614345" | "3673538" | "3737622" | "3828292" | "3839692" | "3872418" | "4223209" | "4237441" | "4238812" | "4315237" | "4316080" | "4317027" | "4426633" | "4450496" | "4486737" | "4504817" | "4545926" | "4562313" | "4685025" | "4689475" | "4724417" | "4774024" | "4780598" | "4800253" | "4845838" | "4857880" | "4859836" | "4907340" | "4924074" | "4935156" | "4967176" | "5049850" | "5089801" | "5097247" | "5153805" | "5166658" | "5378407" | "5386335" | "5436609" | "5453726" | "5663702" | "5668522" | "5831510" | "5852397").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 11:06
S21 8	23	("3673538").URPN.	USPAT	OR	ON	2006/10/10 11:04
S21 7	2	("2248623").URPN.	USPAT	OR	ON	2006/10/10 10:45

S21 6	11	("2248623" | "3113194" | "3338476" | "3476293" | "3586939" | "3646315" | "3689863").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 10:45
S21 5	14	("1728045" | "2606986" | "3214719" | "3375774" | "3584189" | "3720807" | "3748439" | "3805022" | "3835434").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 10:44
S21 4	3	("3805022" | "3976854" | "4068281").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 10:41
S21 3	34	("1364080" | "2712591" | "3405381" | "3452314" | "3654580" | "3673538" | "3719796" | "3805022" | "3813631" | "3824521" | "3916264" | "3996447" | "4024427" | "4064477" | "4152689" | "4317027" | "4387291" | "4420739" | "4427965" | "4568907" | "4698614" | "4816958" | "4937696" | "5064997" | "5208576" | "5353005" | "5379022" | "5436609" | "5644461" | "5796568").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 10:40
S33	141895	(substrate layer ceramic) near3 (via hole heat near2 sink)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 10:15
S21 0	5	("4494104" | "5097247" | "5712610" | "6300859" | "6373371").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 10:12
S20 9	25	S207 and S208	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 10:11
S20 8	342	overcurrent near5 (layer ceramic substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 10:10
S20 7	835	overvoltage near5 (layer ceramic substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 10:10
S26	90	overcurrent near5 (layer ceramic substrate)	USPAT	OR	ON	2006/10/10 10:10
S25	361	overvoltage near5 (layer ceramic substrate)	USPAT	OR	ON	2006/10/10 10:10
S20 5	2071	S204 and (PCB printed near2 circuit near2 board)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 10:04
S20 4	26900	S202 and S203	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 10:04

S20 3	143874	(excess exceed$2 over spike surge) near2 voltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 10:04
S19 6	127	S195 and (PCB printed near2 circuit near2 board)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 10:04
S15	97794	(excess exceed$2 over spike surge) near2 voltage	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 10:04
S20 2	131560	(excess exceed$2 over spike surge) near2 current	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 10:03
S14	91868	(excess exceed$2 over spike surge) near2 current	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 10:03
S20 1	30	("0928398" | "0934704" | "1197693" | "2429088" | "4188651" | "4212045" | "4271045" | "4311520" | "4321089" | "4324582" | "4364021" | "4505787" | "4514321" | "4733018" | "4747014" | "4987515" | "5039452" | "5062891" | "5091820" | "5131941" | "5321223" | "5407473" | "5410135" | "5443560" | "5471721" | "5480834").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 10:00
S20 0	14	S198 and S199	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 09:59
S19 9	1445	PTC near2 (layer ceramic substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 09:59
S11	531	PTC near2 (layer ceramic substrate)	USPAT	OR	ON	2006/10/10 09:59
S19 8	1478	varistor near2 (layer ceramic substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 09:58
S19 7	359	varistor near2 (layer ceramic substrate)	USPAT	OR	ON	2006/10/10 09:58
S10	335	varistor near2 (layer ceramic substrate)	USPAT	OR	ON	2006/10/10 09:58
S1	68	overcurrent and PTC near2 layer	US-PGPUB; USPAT	OR	ON	2006/10/10 09:58

EAST Search History

S19 5	737	(surge near2 suppression voltage near3 suppression overvoltage near3 suppression) and (overcurrent current near3 surge current near3 spike overcurrent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 09:42
S13 7	610	(surge near2 suppression voltage near3 suppression overvoltage near3 suppression) and (overcurrent current near3 surge current near3 spike overcurrent)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 09:41